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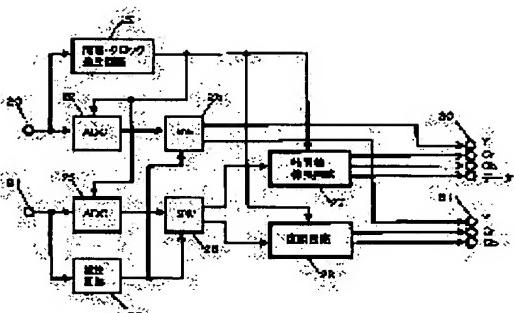
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## (54) PROGRESSIVE VIDEO SIGNAL INPUT/OUTPUT DEVICE

### (57) Abstract:

PROBLEM TO BE SOLVED: To provide an input/output device capable of using and transmitting both progressive video signals and interlaced video signals.

SOLUTION: The progressive video signals are outputted as two analog signals separated into a luminance signal and a time base compressed chrominance signal. Interlaced signals are separated into the luminance signals and chrominance signals subjected to quadrature 2-phase modulation, and outputted. On an input side, since constitution for detecting the modulated chrominance signal component level of the interlaced signals in a detection circuit 24, judging that the interlaced signals are transmitted in the case that modulated components are present and automatically discriminating that the progressive signals are transmitted in the case that the modulated components are not present is provided, the progressive video signals and the interlaced signals are both used and analog transmitted.



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